



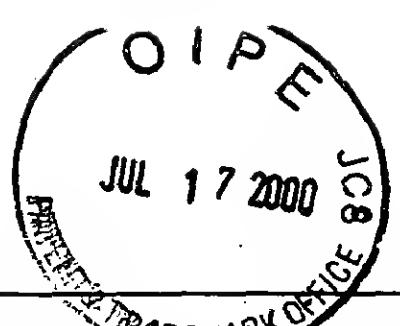
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<b>Form PTO-1449 Modified</b>		Docket No. <b>CHIR-0108</b>	Serial No. <b>08/823,980</b>
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant <b>Amy J. Weiner et al.</b>	
U.S. Department of Commerce Patent and Trademark Office		Filing Date <b>March 25, 1997</b>	Group <b>1644</b>
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
BB	AA	Barrett, J.T., <i>Basic immunology and its medical application</i> , Second Edition, <b>1980</b> , 14-17	
	AB	Botarelli, P. et al., "T-Lymphocyte Response to Hepatitis C Virus in Different Clinical Courses of Infection", <i>Gastroenterology</i> , <b>1993</b> , 104, 580-587	
	AC	Brennan, M. et al., "The folicle cells are a major site of vitellogenin in <i>Drosophila melanogaster</i> ", <i>Dev. Biol.</i> , <b>1982</b> , 89, 225-236	
	AD	Broach, R., "Construction of High Copy Yeast Vectors Using 2-μm Circle Sequences," <i>Meth. Enz.</i> , <b>1983</b> , 101, 307-325	
	AE	Cha et al., "At least five related, but distinct, hepatitis C viral genotypes exist," <i>Proc. Natl. Acad. Sci USA</i> , <b>1992</b> , 89, 7144-7148	
	AF	Chakrabarti et al., "Vaccinia Virus Expression Vector: Coexpression of β-Galactosidase Provides Visual Screening of Recombinant Virus Plaques," <i>Mol. Cell Biol.</i> , <b>1985</b> , 5(12), 3403-3409	
	AG	Chan et al., "Analysis of a new hepatitis C virus type and its phylogenetic relationship to existing variants," <i>J. Gen. Virol.</i> , <b>1992</b> , 73, 1131-1141	
	AH	Choo et al., "Vaccination of chimpanzees against infection by the hepatitis C virus", <i>Proc. Natl. Acad. Sci. USA</i> , <b>1994</b> , 91, 1294-1298	
	AI	Choo, Q.L. et al., "Genetic organization and diversity of the hepatitis C virus", <i>Proc. Natl. Acad. Sci. USA</i> , <b>1991</b> , 88, 2451-2455	
	AJ	Choo, Q.L. et al., "Hepatitis C virus: The major causative agent of viral non-A, non-B hepatitis", <i>Br. Med. Bull.</i> , <b>1990</b> , 46(2), 423-441	
	AK	Choo, Q.L. et al., "Hepatitis C virus is a distant relative of the flaviviruses and pestiviruses", in <i>Proceedings of the International Meeting on Non-A, Non-B Hepatitis</i> , Shikata, T. et al. (eds.), Tokyo, Japan, Amsterdam: Elsevier, <b>1991</b> , 47-52	
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<i>MS</i>	AL	Choo, Q.L. et al., "Isolation of a cDNA clone derived from a blood-borne non-A, non-B viral hepatitis genome", <i>Science</i> , <b>1989</b> , 244, 359-362		
<i>WR</i>	AM	Choo, Q.L. et al., "Identification of the major, parenteral non-A, non-B hepatitis agent (hepatitis C virus) using a recombinant cDNA approach", <i>Seminars in Liver Disease</i> , <b>1992</b> , 12(3), 279-288		
	AN	<del>Choo, Q.L. et al., "Vaccination of chimpanzees against infection by the hepatitis C virus", <i>Proc. Natl. Acad. Sci. USA</i>, <b>1994</b>, 91, 1294-1298</del>		
<i>MS</i>	AO	Cofin et al. (eds.), <i>RNA Tumor Viruses</i> , 2nd Edition, Cold Spring Harbor Laboratory, New York, <b>1985</b> , Vol. 2, 17-73		
	AP	Cuypers, H.T. et al., "Storage conditions of blood samples and primer selection affect the yield of cDNA polymerase chain reaction products of hepatitis C virus", <i>J. Clin. Microbiol.</i> , <b>1992</b> , 30(12), 3220-3224		
	AQ	Cuypers, H.T.M. et al., "Analysis of genomic variability of hepatitis-C virus", <i>J. Hepatology</i> , <b>1991</b> , 13(Suppl. 4), S15-S19		
	AR	DeBoer et al., "The tac promotor: a functional hybrid derived from the trp and lac promoters," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1983</b> , 80(1), 21-25		
	AS	Erickson, A.L. et al., "Hepatitis C virus-specific CTL responses in the liver of chimpanzees with acute and chronic hepatitis C", <i>J. Immunol.</i> , <b>1993</b> , 151(8), 4189-4199		
	AT	Fausto-Sterling, A. et al., "Analysis of a newly-isolated temperature-sensitive maternal-effect mutation of <i>Drosophila melanogaster</i> ", <i>J. Exper. Zoo.</i> , <b>1976</b> , 200, 199-209		
	AU	Fiers et al., "Complete nucleotide sequence of SV40 DNA," <i>Nature</i> , <b>1978</b> , 273, 113-120		
	AV	Goeddel et al., "Synthesis of human fibroblast interferon by <i>E. coli</i> ," <i>Nucl. Acids Res.</i> , <b>1980</b> , 8(18), 4057-4075		
	AW	Guntaka, R.V. et al., "Effect of 5-Methylcytidine on virus production in avian sarcoma virus-infected chicken embryo cells", <i>Virology</i> , <b>1979</b> , 29(2), 475-482		
↓	AX	Guntaka, R.V. et al., "Effect of dibutyrylcyclic AMP on intracellular levels of avian sarcoma virus specific RNA", <i>Nature</i> , <b>1978</b> , 274, 274-276		
<b>EXAMINER</b> <i>✓</i>			<b>DATE CONSIDERED</b> <i>5/14/2001</i>	



<b>Form PTO-149 Modified</b>			Docket No. <b>CHIR-0108</b>	Serial No. <b>08/823,980</b>
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>				
<i>✓</i>	<b>AY</b>	Hess et al., "Cooperation of glycolytic enzymes," <i>J. Adv. Enzyme Reg.</i> , <b>1968</b> , 7, 149-167		
	<b>AZ</b>	Hitzeman et al., "Isolation and Characterization of the Yeast 3-Phosphoglycerokinase Gene (PGK) by an Immunological Screening Technique," <i>J. Biol. Chem.</i> , <b>1980</b> , 255(24), 12073-12080		
	<b>BA</b>	Holland et al., "The primary structures of two yeast enolase genes," <i>J. Biol. Chem.</i> , <b>1981</b> , 256(3), 1385-1395		
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	<b>BI</b>	Kato et al., "Distribution of plural HCV types in Japan," <i>Biochem. Biophys. Res. Commun.</i> , <b>1991</b> , 181(1), 279-285		
<i>✓</i>	<b>BJ</b>	Kubo, Y. et al., "A cDNA fragment of hepatitis C virus isolated from an implicated donor of post-transfusion non-A, non-B hepatitis in Japan", <i>Nucl. Acids Res.</i> , <b>1989</b> , 17(24), 10367-10372		
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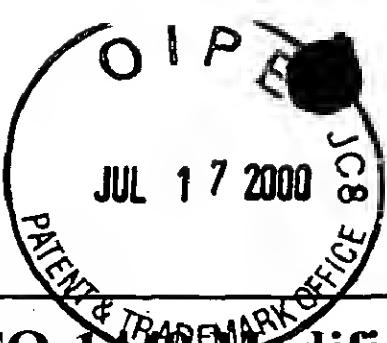
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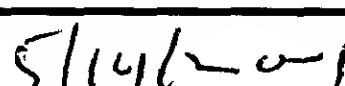
Sheet 4 of 10

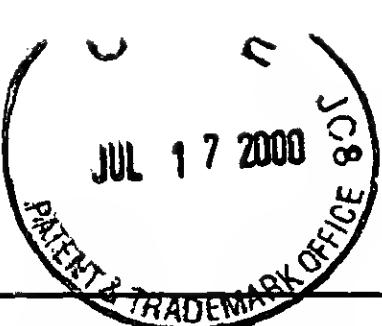
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
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	<b>BL</b>	Luckow et al., "High level expression of nonfused foreign genes with <i>autographa californica</i> nuclear polyhedrosis virus expression vectors," <i>Virology</i> , <b>1989</b> , 170, 31-39	
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	<b>BN</b>	Martell, M. et al., "Hepatitis C virus (HCV) circulates as a population of different but closely related genomes: Quasispecies nature of HCV genome distribution", <i>J. Virol.</i> , <b>1992</b> , 66(5), 3225-3229	
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	<b>BP</b>	Moss, "Vaccinia virus expression vectors," <i>Gene Transfer Vectors for Mammalian Cells</i> , Miller et al. (eds.), Cold Spring Harbor Laboratory, Cold Spring Harbor, N.Y., <b>1987</b> , 10-14	
	<b>BQ</b>	Ogata et al., "Nucleotide sequence and mutation rate of the H strain of hepatitis C virus," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1991</b> , 88, 3392-3396	
	<b>BR</b>	Okamoto et al., "Full-length sequence of a hepatitis C virus genome having poor homology to reported isolates: Comparative study of four distinct genotypes," <i>Virology</i> , <b>1992</b> , 188, 331-341	
	<b>BS</b>	Partis et al., "Cross-linking of protein by $\omega$ -maleimido alkanoyl <i>N</i> -hydroxysuccinimido esters," <i>Prot. Chem.</i> , <b>1983</b> , 2(3), 263-277	
	<b>BT</b>	Pearson et al., Improved tools for biological sequence comparison," <i>Proc. Natl. Acad. Sci. USA</i> , <b>1988</b> , 85, 2444-2448	
	<b>BU</b>	Peeters et al., "Comparison of four bifunctional reagents for coupling peptides to proteins and the effect of the three moieties on the immunogenicity of the conjugates," <i>J. Immunol. Methods</i> , <b>1989</b> , 120, 133-143	
	<b>BV</b>	Saiki et al., "Analysis of enzymatically amplified $\beta$ -globin and HLA-DQ $\alpha$ DNA with allele-specific oligonucleotide probes," <i>Nature</i> , <b>1986</b> , 324, 163-166	
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<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
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	<b>BX</b>	Scharf et al., "Direct cloning and sequence analysis of enzymatically amplified genomic sequences," <i>Science</i> , <b>1986</b> , 233, 1076-1078	
	<b>BY</b>	Scott, M.P. et al., "Structural relationships among genes that control development: sequence homology between the <i>antennapedia</i> , <i>ultrabithorax</i> and <i>fushi tarazu</i> loci of <i>Drosophila</i> ", <i>PNAS</i> , <b>1984</b> , 81, 4115-4119	
	<b>BZ</b>	Scott, M.P. et al., "The molecular organization of the <i>antennapedia</i> complex in <i>Drosophila melanogaster</i> ", <i>Cell</i> , <b>1983</b> , 35, 763-766	
	<b>CA</b>	Shimatake et al., "Purified $\lambda$ regulatory protein cII positively activates promoters for lysogenic development," <i>Nature</i> , <b>1981</b> , 292, 128-132	
	<b>CB</b>	Shimizu, Y.K. et al., "Early events in hepatitis C virus infection of chimpanzees", <i>Proc. Natl. Acad. Sci. USA</i> , <b>1990</b> , 87, 6441-6444	
	<b>CC</b>	Simmonds, P. et al., "A proposed system for the nomenclature of hepatitis C viral genotypes", <i>Hepatology</i> , <b>1994</b> , 19, 1321-1324	
	<b>CD</b>	Smith et al., "Production of Human Beta Interferon in Insect Cell Infected with a Baculovirus Expression Vector," <i>Mol. Cell Biol.</i> , <b>1983</b> , 3(12), 2156-2165	
	<b>CE</b>	Summers et al., "A Manual of Methods for Baculovirus Vectors and Insect Cell Culture Procedures," Texas Agricultural Experiment Station Bulletin No. 1555, <b>1987</b> , 1-56	
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	<b>CG</b>	Wang, K.S. et al., "The viroid-like structure of the hepatitis delta ( $\delta$ ) genome: synthesis of a viral antigen in recombinant bacteria," <i>The Hepatitis Delta Virus and Its Infection</i> , Rizzetto, M. et al. (eds.), <b>1987</b> , Vol. 24, 71-82	
<i>✓</i>	<b>CH</b>	Wang, K.S. et al., "Structure, sequence and expression of the hepatitis delta ( $\delta$ ) viral genome", <i>Nature</i> , <b>1986</b> , 323, 508-514	
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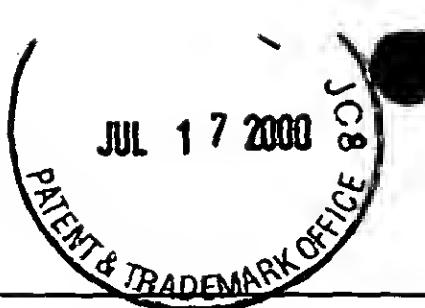


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WJ	CI	Weiner et al., "Variable and hypervariable domains are found in the regions of HCV corresponding to the flavivirus envelope and NS1 proteins and the pestivirus envelope glycoproteins," <i>Virology</i> , <b>1991</b> , <i>180</i> , 842-848		
WJ	CJ	Weiner et al., "The Hypervariable Amino Terminus of the Hepatitis C Virus E2/NS1 Protein Appears to be Under Immune Selection," <i>Vaccines</i> , <b>1992</b> , <i>92</i> , 303-308		
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WJ	CL	<del>Weiner et al., "Evidence for immune selection of hepatitis C virus (HCV) putative envelope glycoprotein variants. Potential role in chronic HCV infections," <i>Proc. Natl. Acad. Sci. USA</i>, <b>1992</b>, <i>89</i>, 3468-3472</del>		
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WJ	CO	Weiner, A.J. et al., "A molecular analysis of the <i>fushi tarazu</i> , a gene in <i>Drosophila melanogaster</i> that encodes a product affecting embryonic segment number and cell fate", <i>Cell</i> , <b>1984</b> , <i>37</i> , 843-851		
WJ	CP	Weiner, A.J. et al., "Sequence variation in hepatitis C viral isolates", <i>J. Hepatology</i> , <b>1991</b> , <i>13</i> (Suppl. 4), S6-S14		
WJ	CQ	Weiner, A.J. et al., "A Unique, Predominant Hepatitis C Virus Variant Found in an Infant Born to a mother with multiple variants", <i>J. Virol.</i> , <b>1993</b> , <i>67</i> (7), 4365-4368		
WJ	CR	Weiner, A.J. et al., "A single antigenomic open reading frame of the hepatitis delta virus encodes the epitope(s) of both hepatitis delta antigen polypeptides p24 $\delta$ and p27 $\delta$ ", <i>J. Virol.</i> , <b>1988</b> , <i>62</i> (2), 594-599		
WJ	CS	Weiner, A.J. et al., "HCV-positive, HIV-1-negative mothers transmit HCV," in <i>Viral Hepatitis and Liver Disease</i> , Nishioka, K. et al. (eds.), Springer-Verlag, Tokyo, <b>1994</b> , 463-467		
WJ	CT	Weiner, A.J. et al., "HCV testing in a low-risk population", <i>Lancet</i> , <b>1990</b> , <i>336</i> , 695		
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*	DB	<del>Houghten, M. et al., "Hepatitis C virus (HCV): A relative of the pestiviruses and flaviviruses", in <i>Viral Hepatitis and Liver Disease</i>, Zuckerman (ed.), 1988</del>	
*	DC	<del>Houghton, M. et al., <i>Hepatitis C Virus (HCV): A Relative of the Pestiviruses and Flaviviruses</i>, Baltimore, MD: Williams &amp; Wilkins, 1991</del>	
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*	DF	<del>Methods in Enzymology</del> , Academic Press, Inc., the series	
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\*A copy of this reference will not be forwarded to the U.S. Patent and Trademark Office since it is believed to be too voluminous and easily obtainable by the Examiner.



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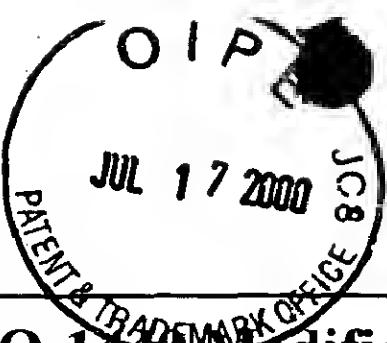
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	DR	4,444,887	04/24/84	Hoffmann	435	240
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	DV	4,493,890	01/15/85	Morris	435	7
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✓	DX	4,683,195	07/28/87	Mullis et al.	435	6

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					YES	NO
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<b>Form PTO-1449 Modified</b>		Docket No. <b>CHIR-0108</b>	Serial No. <b>08/823,980</b>
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant <b>Amy J. Weiner et al.</b>	
U.S. Department of Commerce Patent and Trademark Office		Filing Date <b>March 25, 1997</b>	Group <b>1644</b>

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